Certificate of Analysis

Alizarin

 Cat. No.:
 HY-N0563

 CAS No.:
 72-48-0

 Batch No.:
 105849

Chemical Name: 9,10-Anthracenedione, 1,2-dihydroxy-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{14}H_8O_4$ Molecular Weight: 240.21

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: Yellow to brown (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.17%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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